Aguia Wastewater Treatment Facility 606968

**FORM** 

2A NPDES

## NPDES FORM 2A APPLICATION OVERVIEW

APPLICATION OVERVIEW

Form 2A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form 2A you must complete.

#### BASIC APPLICATION INFORMATION:

- A. Basic Application Information for all Applicants. All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.
- B. Additional Application Information for Applicants with a Design Flow ≥ 0.1 mgd. All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.
- C. Certification. All applicants must complete Part C (Certification).

#### SUPPLEMENTAL APPLICATION INFORMATION:

- D. Expanded Effluent Testing Data. A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd,
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to provide the information.
- E. Toxicity Testing Data. A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):
  - 1. Has a design flow rate greater than or equal to 1 mgd,
  - 2. Is required to have a pretreatment program (or has one in place), or
  - 3. Is otherwise required by the permitting authority to submit results of toxicity testing.
- F. Industrial User Discharges and RCRA/CERCLA Wastes. A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:
  - 1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and
  - 2. Any other industrial user that:
    - a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or
    - Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or
    - c. Is designated as an SIU by the control authority.
- G. Combined Sewer Systems. A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).

## ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)

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## FACILITY NAME AND PERMIT NUMBER:

Aquia Wastewater Treatment Facility 606968

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PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS:  All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.  A.1. Facility Information.  Facility name Aquia Wastewater Treatment Facility  Mailing Address P.O. Box 339 Stafford, VA 22555  Contact person Harry Critzer Director of Utilities  Title Director  Telephone number (540) 658-8630  Facility Address (not P.O. Box)  A.2. Applicant Information. If the applicant is different from the above, provide the following:  Applicant name Stafford County Board of Supervisors  Mailing Address P.O. Box 339  Contact person Harry Critzer  Title Director of Utilities  Telephone number (540) 658-8630								
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Facility name  Aguia Wastewater Treatment Facility  Mailing Address  P.O. Box 339 Stafford, VA 22555  Contact person Harry Critzer Director of Utilities  Title Director  Telephone number (540) 658-8630  Facility Address 75 Coal Landing Road Stafford VA 22555 (not P.O. Box)  A.2. Applicant Information. If the applicant is different from the above, provide the following:  Applicant name Stafford County Board of Supervisors  Mailing Address P.O. Box 339  Contact person Harry Critzer  Title Director of Utilities  Telephone number (540) 658-8630								
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Contact person Harry Critzer  Title Director of Utilities  Telephone number (540) 658-8630								
Title Director of Utilities  Telephone number (540) 658-8630	_							
Telephone number (540) 658-8630								
Is the applicant the owner or operator (or both) of the treatment works?								
owner operator								
Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.								
facility applicant								
A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatmer works (include state-issued permits).	nt							
NPDES <u>0060968</u> PSD	_							
UIC Other	_							
RCRA Other	_							
A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private etc.).								
Name Population Served Type of Collection System Ownership								
Stafford County 60000 Separate Municipal								
Camp Barrett 5000 Separate Federal								
Total population served 65000	_							

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A.5.	Inc	iian Country.						
	a.	Is the treatment works located in Indian Co	ountry?					
		Yes No						
	b.	Does the treatment works discharge to a rethrough) Indian Country?	eceiving water that is eith	er in Indian Country	or that is upst	tream from (an	d eventually	flows
		Yes No						
A.6.	ave	ow. Indicate the design flow rate of the treat erage daily flow rate and maximum daily flow riod with the 12th month of "this year" occurr	v rate for each of the last	three years. Each ye	ear's data mu	ist be based or		
	a.	Design flow rate 10 mgd						
			Two Years Ago	Last Year		This Year		
	b.	Annual average daily flow rate	5.27	<u></u>	5.00		4.54	mgd
	C.	Maximum daily flow rate	7.20	<u> </u>	6.96		5.73	mgd
A.7.		ollection System. Indicate the type(s) of contribution (by miles) of each.	llection system(s) used b	y the treatment plant.	Check all th	nat apply. Also	estimate the	e percent
	,	Separate sanitary sewer					100	%
		Combined storm and sanitary sewer						%
A.8.	Dis	scharges and Other Disposal Methods.						
	a.	Does the treatment works discharge efflue	nt to waters of the U.S.?		_	Yes		No
		If yes, list how many of each of the following	ng types of discharge poi	nts the treatment wor	ks uses:			
		i. Discharges of treated effluent				1		
		ii. Discharges of untreated or partially tre	ated effluent			0		
		iii. Combined sewer overflow points				0		
		iv. Constructed emergency overflows (pri	or to the headworks)			0		
		v. Other				0		
	b.	Does the treatment works discharge efflue impoundments that do not have outlets for	nt to basins, ponds, or ot discharge to waters of th	her surface ne U.S.?		Yes		No
		If yes, provide the following for each surface Location:	ce impoundment:					
		Annual average daily volume discharged to	o surface impoundment(s				mgd	
		Is discharge continuous or	intermitter	nt?				
	C.	Does the treatment works land-apply treate	ed wastewater?			Yes		No
		If yes, provide the following for each land a	application site:					
		Location:						
		Number of acres:						
		Annual average daily volume applied to sit	e:	N	lgd			
		Is land application continue	ous or inte	ermittent?				
	d.	Does the treatment works discharge or tratreatment works?	nsport treated or untreate	ed wastewater to ano	ther	Yes	_	No

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If transport is by a pa	arty other than the applicant, provide:
Transporter name:	
Mailing Address:	
Contact person:	
Title:	
Telephone number:	
Name:	
Name <sup>.</sup>	
Mailing Address:	
Contact person:	
Contact person: Title:	
•	
Title: Telephone number:	NPDES permit number of the treatment works that receives this discharge.
Title: Telephone number: If known, provide the	
Title: Telephone number: If known, provide the Provide the average Does the treatment v	NPDES permit number of the treatment works that receives this discharge.
Title: Telephone number: If known, provide the Provide the average  Does the treatment v A.8.a through A.8.d a	NPDES permit number of the treatment works that receives this discharge.  daily flow rate from the treatment works into the receiving facility.  mover discharge or dispose of its wastewater in a manner not included in
Title: Telephone number: If known, provide the Provide the average  Does the treatment v A.8.a through A.8.d a If yes, provide the following t	NPDES permit number of the treatment works that receives this discharge.  daily flow rate from the treatment works into the receiving facility.  vorks discharge or dispose of its wastewater in a manner not included in above (e.g., underground percolation, well injection)?  Yes

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#### **WASTEWATER DISCHARGES:**

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

a. Outfall number b. Location    Coly or town, if applicable   Cly codes   Virginia   Cly codes   Cly co		)es	scription of Outfall.						
County   Stafford   Virginia   (County)   Stafford   Virginia   (County)   (State)   (State)   (State)   (Table)   (County)   (State)   (Table)   (Table)   (Longitude)	а	١.	Outfall number	001		_			
County   Stafford   Virginia   (County)   Stafford   Virginia   (County)   (State)   (State)   (State)   (Table)   (County)   (State)   (Table)   (Table)   (Longitude)	b	).	Location					22555	
County   State   Sta								(Zip Code)	
C. Distance from shore (if applicable)				(County	)				
c. Distance from shore (if applicable)   N/A   ft.   d. Depth below surface (if applicable)   N/A   ft.   e. Average daily flow rate   4.54   mgd   f. Does this outfall have either an intermittent or a periodic discharge?   Yes   No (go to A.9.g.)   If yes, provide the following information:  Number of times per year discharge occurs: Average duration of each discharge: Average flow per discharge:   mgd   Months in which discharge occurs:   g. Is outfall equipped with a diffuser?   Yes   ✓ No    10. Description of Receiving Waters.  a. Name of receiving water   Austin Run, UT   b. Name of watershed (if known)   United States Soil Conservation Service 14-digit watershed code (if known):  C. Name of State Management/River Basin (if known):   Potomac   United States Geological Survey 8-digit hydrologic cataloging unit code (if known):   d. Critical low flow of receiving stream (if applicable):   acute									
d. Depth below surface (if applicable)	_		Distance from about	•	•	NI/A		(	
e. Average daily flow rate 4.54 mgd  f. Does this outfall have either an intermittent or a periodic discharge? Yes ✓ No (go to A.9.g.)  If yes, provide the following information:  Number of times per year discharge occurs:  Average duration of each discharge:  Average flow per discharge:  Months in which discharge occurs:  g. Is outfall equipped with a diffuser? Yes ✓ No  10. Description of Receiving Waters.  a. Name of receiving water Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  C. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable):  acute ofs	C						-		
f. Does this outfall have either an intermittent or a periodic discharge?  If yes, provide the following information:  Number of times per year discharge occurs:  Average duration of each discharge:  Average flow per discharge:  Months in which discharge occurs:  g. Is outfall equipped with a diffuser?  Yes  No  No  10. Description of Receiving Waters.  a. Name of receiving water  Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  C. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable):  acute ofs	d	l.	Depth below surface	(if applicabl	e)	N/A	<u>.</u> ft.		
periodic discharge?	е	ì.	Average daily flow rat	e		4.54	mgd		
If yes, provide the following information:  Number of times per year discharge occurs:  Average duration of each discharge:  Average flow per discharge:  Months in which discharge occurs:  g. Is outfall equipped with a diffuser?  Yes  No  No  10. Description of Receiving Waters.  a. Name of receiving water  Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  C. Name of State Management/River Basin (if known):  Potomac  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable):  acute cfs	f.			either an i	ntermittent or a		/		
Number of times per year discharge occurs:  Average duration of each discharge:  Average flow per discharge:  Months in which discharge occurs:  g. Is outfall equipped with a diffuser?  Yes  No  No  10. Description of Receiving Waters.  a. Name of receiving water  Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  C. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute ofs						Yes		No (go to A.9.g.)	
Average duration of each discharge:  Average flow per discharge:  Months in which discharge occurs:  g. Is outfall equipped with a diffuser?  Yes  No  No  10. Description of Receiving Waters.  a. Name of receiving water  Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute			If yes, provide the foll	owing infor	mation:				
Average flow per discharge:			Number of times per	year discha	rge occurs:				
Months in which discharge occurs:  g. Is outfall equipped with a diffuser?  Yes  No  No  No  No  No  No  No  No  No  N			Average duration of e	ach discha	rge:				
g. Is outfall equipped with a diffuser? Yes No  .10. Description of Receiving Waters.  a. Name of receiving water Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute			Average flow per disc	harge:				mgd	
a. Name of receiving water  Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable):  acute cfs			Months in which disch	narge occur	s:				
a. Name of receiving water Austin Run, UT  b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute cfs cfs	g	ļ.	Is outfall equipped wil	h a diffuse	?	Yes		No	
b. Name of watershed (if known)  United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute cfs cfs	10. C	)es	scription of Receiving	g Waters.					
United States Soil Conservation Service 14-digit watershed code (if known):  c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute cfs cfs	а	١.	Name of receiving wa	iter	Austin Run, UT				
c. Name of State Management/River Basin (if known):  United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute cfs cfs	b	).	Name of watershed (i	f known)	_				
United States Geological Survey 8-digit hydrologic cataloging unit code (if known):  d. Critical low flow of receiving stream (if applicable): acute cfs cfs			United States Soil Co	nservation	Service 14-digit waters	shed code (if known):			
d. Critical low flow of receiving stream (if applicable):  acute cfs chronic cfs	С	;.	Name of State Manag	gement/Rive	er Basin (if known):	Potomac			<u>-</u> .
acute cfs chronic cfs			United States Geolog	ical Survey	8-digit hydrologic cata	lloging unit code (if knowr	n):		
	d	l.	Critical low flow of red	eiving stre	am (if applicable):				
						chronic	cf:	s	
	е	÷.				f applicable):	mg.	/I of CaCO <sub>3</sub>	
	-		Total Hardness Of Fed	civiliy succ	in at chilical low flow (I	гаррисавіе).	1119	7 01 02003	

Aquia Wastewater Treatment Facility 606968

 A.11. Des	scription of Tre	eatment.													
a	What levels of	treatment s	re nrovi	ded2 C	heck all th	at ar	ınly								
a.		imary	ile biovi	ueur C	,	econ									
		vanced					Describe:								
b.	Indicate the fol		oval rate												
D.		_		•		,		00	0 0			0/			
	Design BOD <sub>5</sub> r		Design (	BOD <sub>5</sub>	removai				9.9			%			
	Design SS rem	ioval						99	9.8			%			
	Design P remo	val						99	9.2			%			
	Design N remo	val						96	6.6			%			
	Other			_				_				%			
C.	What type of di	isinfection i	s used f	or the e	ffluent from	m thi	s outfall? If disi	infection var	ries	by season,	ple	ease describ	е.		
	U.V.														
	If disinfection is	s by chlorin	ation. is	dechlo	rination us	ed fo	or this outfall?			,	/es	3		No	
d.	Does the treatr										/e:	_	<b>/</b>	– No	
<u>u.</u>		nerit plant	nave po	st acrat					_					_ '''	
Out	tfall number:	001 ER		l n	MAXIMUM	DAII	Y VALUE			AV	ER	AGE DAILY	VALUI	Ξ	
	PARAMEI	FK		<u> </u>		DAII		1			EK				
	- CV			\	/alue	L	Units	V	alue			Units	N	umber of Samples	
pH (Minir	num)			6.5			s.u.								
рН (Махі	mum)			8.1		<u> </u>	s.u.								
Flow Rate	е			8.5		MC	SD	4.8		MGD		)	365		
Tempera	ture (Winter)			2.0		De	grees C	14		De	egi	rees C	120		
	ture (Summer)			27	imum daib		grees C	25		De	egi	rees C	122	,	
- F	or pH please rep	oort a mimir			M DAILY	y van		E DAILY D	ISC	HARGE	П	ANALYTIC	ΔΙ	ML / MDL	
	POLLUTANT		<u> </u>	DISCH	IARGE		AVENAG	I DAIL! D		I	4	METHO		WE / MDE	
Co			nc.	Units	\$	Conc.	Units		Number of Samples	- 1					
CONVEN.	TIONAL AND N	ONCONVE	ENTION	AL COI	MPOUNDS	S.									
BIOCHEM	ICAL OXYGEN	BOD-5													
DEMAND	(Report one)	CBOD-5	0		mg/l		0	mg/l		365		SM5210B	5	5	
FECAL CO	DLIFORM		8		MPN		1	MPN/Cr	ml	365	$\Box$	SM9223B	1		
TOTAL SL	SPENDED SOL	IDS (TSS)	3.5		mg/l		<ql< td=""><td>mg/l</td><td></td><td>365</td><td></td><td>SM2540B</td><td>1</td><td></td></ql<>	mg/l		365		SM2540B	1		
REFE	R TO THE	APPL	ICAT	ION (	OVERV	/IE	D OF PAI W TO DE MUST C	TERMIN			I (	OTHER F	PAR	TS OF FORM	

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ВА	SI	C APPLICATION INFORMATION
PAR	TE	6. ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).
All a	pplic	eants with a design flow rate ≥ 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).
B.1.	In	flow and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.  52055 gpd
	Br	efly explain any steps underway or planned to minimize inflow and infiltration.
	0	n going collection system survey to identify sources of I&I-Improving-improved construction standards minimize
B.2.	Th	pographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. is map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show entire area.)
	a.	The area surrounding the treatment plant, including all unit processes.
	b.	The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
	C.	Each well where wastewater from the treatment plant is injected underground.
	d.	Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.
	e.	Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
	f.	If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.
	bac chlo	cess Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all kup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g, initiation and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily rates between treatment units. Include a brief narrative description of the diagram.
B.4.	Ор	eration/Maintenance Performed by Contractor(s).
		any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a tractor?No
		es, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional es if necessary).
	Nar	ne: Agri-Services
	Mai	ling Address: P.O. Box 161 Sealston, VA
	Tele	ephone Number: (540) 775-2266
	Res	ponsibilities of Contractor: Transport Dewatered Sludge to the Landfill-To Land If Needed
	unc trea	eduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or ompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the trent works has several different implementation schedules or is planning several improvements, submit separate responses to question for each. (If none, go to question B.6.)
	a.	List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.

\_Yes \_\_\_No

Form Approved 1/14/99 FACILITY NAME AND PERMIT NUMBER: OMB Number 2040-0086 Aguia Wastewater Treatment Facility 606968 If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable). Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible. Schedule **Actual Completion** Implementation Stage MM / DD / YYYY MM / DD / YYYY \_\_\_/ \_\_\_/ \_\_\_\_ \_\_\_/\_\_\_/\_\_\_\_ - Begin construction - End construction \_\_/ \_\_/ \_\_\_ \_\_/\_\_/\_\_\_ \_\_/\_\_/\_\_\_ - Begin discharge - Attain operational level Have appropriate permits/clearances concerning other Federal/State requirements been obtained? Yes Describe briefly: B.6. EFFLUENT TESTING DATA (GREATER THAN O.1 MGD ONLY). Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old. Outfall Number: 001 AVERAGE DAILY DISCHARGE POLLUTANT MAXIMUM DAILY DISCHARGE Units Conc. Units Number of **ANALYTICAL** ML/MDL Samples **METHOD** CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS. AMMONIA (as N) <0.2-QL 365 SM4500 0.2 1.39 mg/l mg/l CHLORINE (TOTAL n/a-use U.V. RESIDUAL, TRC) DISSOLVED OXYGEN 365 0.1 15.9 mg/l 9.5 mg/l SM4500-06 TOTAL KJELDAHL mg/l 52 SM4500-org C 0.5 5.0 0.85 mg/l NITROGEN (TKN) NITRATE PLUS NITRITE 3.33 0.64 52 SM4500N03 E 0.5 mg/l mg/l **NITROGEN** 

## END OF PART B.

mg/l

MG/L

mg/l

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

mg/l

mg/l

mg/l

<5.0

0.11

274

3

3

365

1664A

SM4500 P.E.

SM2540C

<5.0

0.32

295

OIL and GREASE

PHOSPHORUS (Total)

TOTAL DISSOLVED

SOLIDS (TDS)

OTHER

5

0.1

1.0

FACILITY NAME AND P	ERMIT NUMBER:		Form Approved 1/14/99						
Aquia Wastewater Trea	atment Facility 606968		OMB Number 2040-0086						
BASIC APPLICATION INFORMATION									
PART C. CERTIFICA	TION								
All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.									
Indicate which parts of	Form 2A you have completed and are subn	nitting:							
Basic Applic	ation Information packet Supplemental A	Application	Information packet:						
	Part D	(Expanded	d Effluent Testing Data)						
	<b>√</b> Part E	Part E (Toxicity Testing: Biomonitoring Data)							
	<b>√</b> _ Part F	(Industrial	User Discharges and RCRA/CERCLA Wastes)						
	Part G	(Combine	d Sewer Systems)						
ALL APPLICANTS MUS	T COMPLETE THE FOLLOWING CERTIFICA	ATION.							
designed to assure that of who manage the system	qualified personnel properly gather and evaluat or those persons directly responsible for gathe I complete. I am aware that there are significa	e the informering the inf	d under my direction or supervision in accordance with a system nation submitted. Based on my inquiry of the person or persons formation, the information is, to the best of my knowledge and is for submitting false information, including the possibility of fine						
Name and official title	Anthony Romanello, County Administrati	er /							
Signature		rarill							
Telephone number	(540) 658-4541								
Date signed	<u> </u>	7.13							
Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.									

## SEND COMPLETED FORMS TO:

Aquia Wastewater Treatment Facility 606968

## SUPPLEMENTAL APPLICATION INFORMATION

## PART D. EXPANDED EFFLUENT TESTING DATA

Refer to the directions on the cover page to determine whether this section applies to the treatment works.

Effluent Testing: 1.0 mgd and Pretreatment Treatment Works. If the treatment works has a design flow greater than or equal to 1.0 mgd or it has (or is required to have) a pretreatment program, or is otherwise required by the permitting authority to provide the data, then provide effluent testing data for the following pollutants. Provide the indicated effluent testing information and any other information required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analyses conducted using 40 CFR Part 136 methods. In addition, these data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. Indicate in the blank rows provided below any data you may have on pollutants not specifically listed in this form. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall number: 001 (Complete once for each outfall discharging effluent to waters of the United States.)

POLLUTANT	N	MAXIMU DISCH	M DAIL` IARGE	Y	AV	ÆRAGE	DAILY	DISCHA	ARGE		
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
METALS (TOTAL RECOVERABLE), C	CYANIDE,	PHENO	S, AND	HARDNE	SS.						
ANTIMONY					<20	ug/l	<0.03	KG	3	EPA 200.8	20
ARSENIC					<20	ug/l	<0.03	KG	3	EPA 200.8	20
BERYLLIUM				-	<1.0	ug/l	<0.01	KG	3	EPA 200.8	1.0
CADMIUM					<0.1	ug/l	<.001	KG	3	EPA 200.8	0.1
CHROMIUM					<5.0	ug/l	<.001	KG	3	EPA 200.8	5.0
COPPER					<1.0	ug/l	<.001	KG	3	EPA 200.8	1.0
LEAD					<1.0	ug/l	<.001	KG	3	EPA 200.8	1.0
MERCURY					<10.0	ug/l	<.001	KG	3	EPA 245.7	10.0
NICKEL					<2.0	ug/l	<.001	KG	3	EPA 200.8	2.00
SELENIUM					<2.0	ug/l	<.001	KG	3	EPA 200.8	2.00
SILVER					<0.10	ug/l	<.001	KG	3	EPA 200.8	0.1
THALLIUM					<0.10	ug/l	<.001	KG	3	EPA 200.8	0.1
ZINC					29.5	ug/l	<.001	KG	3	EPA 200.8	0.1
CYANIDE					<10.0	ug/l	<.001	KG	3	ASTM D4282	10
TOTAL PHENOLIC COMPOUNDS					0.05	ug/l	<.001	KG	3	LACH 10-210	0.05
HARDNESS (AS CaCO <sub>3</sub> )					95.1	mgeq		KG	3	SM2340B	1.2
Use this space (or a separate sheet) to	provide in	formatio	n on othe	r metals re	equested b	y the per	rmit writer				
	-					<u> </u>					
						-					

Aquia Wastewater Treatment Facility 606968

(Complete once for each outfall discharging effluent to waters of the United States.) Outfall number: 001 POLLUTANT AVERAGE DAILY DISCHARGE MAXIMUM DAILY DISCHARGE Units Conc. Units Units Number ANALYTICAL ML/ MDL Conc. Units Mass Mass **METHOD** of Samples VOLATILE ORGANIC COMPOUNDS. ACROLEIN <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 10.0 ACRYLONITRILE <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 <10.0 ug/l <.001 KG 3 **EPA 624** BENZENE <10.0 **EPA 624** 10.0 **BROMOFORM** ug/l <.001 KG 3 CARBON TETRACHLORIDE <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 <10.0 ug/l <.001 3 **EPA 624** 10.0 CLOROBENZENE KG CHLORODIBROMO-METHANE <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 10.0 **EPA 624** <10.0 <.001 KG 3 CHLOROETHANE ug/l 2-CHLORO-ETHYLVINYL <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 **ETHER** <10.0 <.001 KG 3 **EPA 624** 10.0 CHLOROFORM ug/l <10.0 KG 3 **EPA 624** 10.0 DICHLOROBROMO-METHANE ug/l <.001 ug/l **EPA 624** 10.0 1,1-DICHLOROETHANE <10.0 <.001 KG 3 KG 3 **EPA 624** 10.0 1,2-DICHLOROETHANE <10.0 ug/l <.001 3 **EPA 624** 10.0 TRANS-1,2-DICHLORO-ETHYLENE <10.0 <.001 KG ug/l <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 1,1-DICHLOROETHYLENE 10.0 <10.0 KG 3 **EPA 624** 1,2-DICHLOROPROPANE ug/l <.001 KG 3 **EPA 624** 20.0 1,3-DICHLORO-PROPYLENE <20.0 ug/l <.001 ETHYLBENZENE <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 METHYL BROMIDE 10.0 <10.0 <.001 KG 3 **EPA 624** METHYL CHLORIDE ug/l 10.0 METHYLENE CHLORIDE <10.0 <.001 KG 3 **EPA 624** ug/l 10.0 <10.0 ug/l <.001 KG 3 **EPA 624** 1.1.2.2-TETRACHLORO-ETHANE TETRACHLORO-ETHYLENE <10.0 <.001 KG 3 **EPA 624** 10.0 ug/l <.001 <10.0 ug/l KG 3 **EPA 624** 10.0 **TOLUENE** 

Aquia Wastewater Treatment Facility 606968

Outfall number: 001									the United S	States.)	
POLLUTANT	1		IM DAIL' HARGE	Y	A۱	/ERAGE	DAILY	DISCH	ARGE		
	Conc.	Units	Mass	Units	Conc.	Units	Mass	Units	Number of Samples	ANALYTICAL METHOD	ML/ MDL
1,1,1-TRICHLOROETHANE					<10.0	ug/l	<.001	KG	3	EPA 624	10.0
1,1,2-TRICHLOROETHANE					<10.0	ug/l	,.001	KG	3	EPA 624	10.0
TRICHLORETHYLENE					<10.0	ug/l	<.001	KG	3	EPA 624	10.0
VINYL CHLORIDE					<10.0	ug/l	<.001	KG	3	EPA 624	10.0
Use this space (or a separate sheet	t) to provide in	formatio	n on other	r volatile o	rganic cor	npounds	requested	by the p	permit writer		
ACID-EXTRACTABLE COMPOUN	DS										
P-CHLORO-M-CRESOL					<10.0	ug/l	<.001	KG	3	EPA 625	
2-CHLOROPHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
2,4-DICHLOROPHENOL			_		<10.0	ug/i	<.001	KG	3	EPA 625	
2,4-DIMETHYLPHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
4,6-DINITRO-O-CRESOL					<10.0	ug/i	<.001	KG	3	EPA 625	
2,4-DINITROPHENOL					<10.0	ug/l	<.001	КG	3	EPA 625	
2-NITROPHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
4-NITROPHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
PENTACHLOROPHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
PHENOL					<10.0	ug/l	<.001	KG	3	EPA 625	
2,4,6-TRICHLOROPHENOL					<10	ug/l	<.001	l	3	EPA 625	
Use this space (or a separate shee	t) to provide in	nformatio	n on othe	r acid-ext	ractable co	mpound	s requeste	ed by the	permit writer.		
BASE-NEUTRAL COMPOUNDS.		T					1	1	1		
ACENAPHTHENE					<10.0	ug/l	<.001	KG	3	EPA 625	
ACENAPHTHYLENE					<10.0	ug/l	<.001	KG	3	EPA 625	
ANTHRACENE					<10.0	ug/l	<.001	KG	3	EPA 625	
BENZIDINE				ļ	<10.0	ug/l	<.001	KG	3	EPA 625	
BENZO(A)ANTHRACENE					<10.0	ug/l	<.001	KG	3	EPA 625	
BENZO(A)PYRENE					<10	ug/l	<.001	KG	3	EPA 625	
				<del>.</del>	-	-					

Aguia Wastewater Treatment Facility 606968

(Complete once for each outfall discharging effluent to waters of the United States.) Outfall number: 001 AVERAGE DAILY DISCHARGE POLLUTANT MAXIMUM DAILY DISCHARGE Conc. Units Number ANALYTICAL ML/ MDL Units Mass Units Conc. Units Mass **METHOD** of Samples <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 3,4 BENZO-FLUORANTHENE BENZO(GHI)PERYLENE <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 BENZO(K)FLUORANTHENE <10.0 <.001 KG 3 **EPA 625** 10.0 ug/l BIS (2-CHLOROETHOXY) **EPA 625** 10.0 <.001 KG <10.0 ug/l 3 METHANE BIS (2-CHLOROETHYL)-ETHER <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 BIS (2-CHLOROISO-PROPYL) <10.0 ug/l KG 3 **EPA 625** 10.0 <.001 **ETHER EPA 625** 10.0 <10.0 <.001 KG 3 ug/l BIS (2-ETHYLHEXYL) PHTHALATE 4-BROMOPHENYL PHENYL ETHER 10.0 <10.0 ug/l <.001 KG 3 **EPA 625 BUTYL BENZYL PHTHALATE** <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 <10.0 **EPA 625** 10.0 2-CHLORONAPHTHALENE <.001 KG 3 ug/l <10.0 KG 3 **EPA 625** 10.0 4-CHLORPHENYL PHENYL ETHER ug/l <.001 KG 3 10.0 CHRYSENE <10.0 ug/l <.001 **EPA 625** DI-N-BUTYL PHTHALATE <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 DI-N-OCTYL PHTHALATE <10.0 <.001 **EPA 625** 10.0 ug/l KG 3 KG 3 10.0 DIBENZO(A,H) ANTHRACENE <10.0 ug/l <.001 **EPA 625** 1,2-DICHLOROBENZENE <10.0 <.001 KG 3 **EPA 624** 10.0 ug/l 1,3-DICHLOROBENZENE <10.0 ug/l <.001 KG 3 **EPA 624** 10.0 10.0 **EPA 624** 1,4-DICHLOROBENZENE <10.0 ug/l <.001 KG 3 3 **EPA 625** 10.0 3,3-DICHLOROBENZIDINE <10.0 ug/l <.001 KG 10.0 DIETHYL PHTHALATE <10.0 <.001 KG 3 **EPA 625** ug/l <10.0 <.001 KG 3 **EPA 625** 10.0 DIMETHYL PHTHALATE ug/l **EPA 625** 10.0 2,4-DINITROTOLUENE <10.0 <.001 KG 3 ug/l 3 **EPA 625** 10.0 2,6-DINITROTOLUENE <10.0 ug/l <.001 KG 1,2-DIPHENYLHYDRAZINE <10.0 ug/l <.001 KG 3 **EPA 625** 10.0

Aguia Wastewater Treatment Facility 606968

(Complete once for each outfall discharging effluent to waters of the United States.) Outfall number: 001 AVERAGE DAILY DISCHARGE POLLUTANT MAXIMUM DAILY DISCHARGE Units Units Units Mass Number ANALYTICAL ML/ MDL Conc. Units Mass Conc. of METHOD Samples **FLUORANTHENE** <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 **FLUORENE** <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 **HEXACHLOROBENZENE** <10.0 <.001 KG 3 **EPA 625** 10.0 ug/l **HEXACHLOROBUTADIENE EPA 625** 10.0 <10.0 ug/l <.001 KG 3 HEXACHLOROCYCLO-<10.0 ug/l <.001 KG 3 **EPA 625** 10.0 PENTADIENE **HEXACHLOROETHANE** <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 INDENO(1,2,3-CD)PYRENE <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 ISOPHORONE <10.0 KG 3 **EPA 625** 10.0 ug/l <.001 NAPHTHALENE <10.0 KG 3 **EPA 625** 10.0 ug/l <.001 NITROBENZENE <10.0 ug/l <.001 KG 3 EPA 625 10.0 N-NITROSODI-N-PROPYLAMINE <10.0 <.001 3 **EPA 625** 10.0 KG ug/l N-NITROSODI- METHYLAMINE 3 10.0 <10.0 ug/l <.001 KG EPA 625 <10.0 <.001 KG 3 **EPA 625** 10.0 N-NITROSODI-PHENYLAMINE ug/l PHENANTHRENE <10.0 ug/l <.001 KG 3 **EPA 625** 10.0 <10.0 <.001 KG 3 **EPA 625** 10.0 **PYRENE** ug/l 1,2,4-TRICHLOROBENZENE <10.0 <.001 KG 3 **EPA 625** 10.0 ug/l Use this space (or a separate sheet) to provide information on other base-neutral compounds requested by the permit writer. Use this space (or a separate sheet) to provide information on other pollutants (e.g., pesticides) requested by the permit writer.

END OF PART D.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM

2A YOU MUST COMPLETE

Form Approved 1/14/99 OMB Number 2040-0086

#### **FACILITY NAME AND PERMIT NUMBER:**

Aguia Wastewater Treatment Facility 606968

### SUPPLEMENTAL APPLICATION INFORMATION

## PART E. TOXICITY TESTING DATA

POTWs meeting one or more of the following criteria must provide the results of whole effluent toxicity tests for acute or chronic toxicity for each of the facility's discharge points: 1) POTWs with a design flow rate greater than or equal to 1.0 mgd; 2) POTWs with a pretreatment program (or those that are required to have one under 40 CFR Part 403); or 3) POTWs required by the permitting authority to submit data for these parameters.

- At a minimum, these results must include quarterly testing for a 12-month period within the past 1 year using multiple species (minimum of two species), or the results from four tests performed at least annually in the four and one-half years prior to the application, provided the results show no appreciable toxicity, and testing for acute and/or chronic toxicity, depending on the range of receiving water dilution. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136.
- In addition, submit the results of any other whole effluent toxicity tests from the past four and one-half years. If a whole effluent toxicity
  test conducted during the past four and one-half years revealed toxicity, provide any information on the cause of the toxicity or any results
  of a toxicity reduction evaluation, if one was conducted.
- If you have already submitted any of the information requested in Part E, you need not submit it again. Rather, provide the information requested in question E.4 for previously submitted information. If EPA methods were not used, report the reasons for using alternate methods. If test summaries are available that contain all of the information requested below, they may be submitted in place of Part E.
   If no biomonitoring data is required, do not complete Part E. Refer to the Application Overview for directions on which other sections of the form to

complete.									
E.1. Required Tests.									
t toxicity tests conducted in the past	four and one-half years.								
chronicacute									
E.2. Individual Test Data. Complete the following chart for each whole effluent toxicity test conducted in the last four and one-half years. Allow one column per test (where each species constitutes a test). Copy this page if more than three tests are being reported.									
Test number:	Test number:	Test number:							
		p							
ed.									
od(s) used. For multiple grab sample	es, indicate the number of grab sample	s used.							
aken in relation to disinfection. (Chec	ck all that apply for each)								
After dechlorination									
	refollowing chart for each whole efflue constitutes a test). Copy this page Test number:	Test number:  Test number:							

Form Approved 1/14/99 OMB Number 2040-0086

# FACILITY NAME AND PERMIT NUMBER: Aquia Wastewater Treatment Facility 606968

	Test number:	Test number:	Test number:
e. Describe the point in the treatment	nt process at which the sample was	collected.	
Sample was collected:			0
f. For each test, include whether the	e test was intended to assess chronic	toxicity, acute toxicity, or both.	
Chronic toxicity			
Acute toxicity		_	
g. Provide the type of test performe	d.		
Static			
Static-renewal			
Flow-through			
h. Source of dilution water. If labora	atory water, specify type; if receiving	water, specify source.	
Laboratory water			
Receiving water			
i. Type of dilution water. It salt water	er, specify "natural" or type of artificia	I sea salts or brine used.	
Fresh water			
Salt water			
j. Give the percentage effluent used	I for all concentrations in the test seri	es.	
k. Parameters measured during the	test. (State whether parameter mee	ts test method specifications)	
рН			
Salinity			
Temperature			
Ammonia			
Dissolved oxygen			
I. Test Results.			
Acute:			
Percent survival in 100% effluent	%	%	%
LC <sub>50</sub>			
95% C.I.	%	%	%
Control percent survival	%	%	%
Other (describe)			
·		· · · · · · · · · · · · · · · · · · ·	

FACILITY NAME AND PERMIT NUMBE Aquia Wastewater Treatment Facility		Form Approved 1/14/99 OMB Number 2040-0086					
Chronic:							
NOEC	%	%	%				
IC <sub>25</sub>	%	%	%				
Control percent survival	%	%	%				
Other (describe)							
m. Quality Control/Quality Assurar	nce.						
Is reference toxicant data available?							
Was reference toxicant test within acceptable bounds?							
What date was reference toxicant test run (MM/DD/YYYY)?							
Other (describe)							
E.3. Toxicity Reduction Evaluation. Is the treatment works involved in a Toxicity Reduction Evaluation?							
Shack (100 1) and Official	Side State of the Control of the Con	, 5	_				
REFER TO THE APPLICA	END OF PA		ER PARTS OF FORM				

2A YOU MUST COMPLETE.

Aguia Wastewater Treatment Facility 606968

Form Approved 1/14/99 OMB Number 2040-0086

## SUPPLEMENTAL APPLICATION INFORMATION PART F. INDUSTRIAL USER DISCHARGES AND RCRA/CERCLA WASTES All treatment works receiving discharges from significant industrial users or which receive RCRA, CERCLA, or other remedial wastes must complete Part F. **GENERAL INFORMATION:** F.1. Pretreatment Program. Does the treatment works have, or is it subject to, an approved pretreatment program? Yes No F.2. Number of Significant Industrial Users (SIUs) and Categorical Industrial Users (CIUs). Provide the number of each of the following types of industrial users that discharge to the treatment works. a. Number of non-categorical SIUs. b. Number of CIUs. SIGNIFICANT INDUSTRIAL USER INFORMATION: Supply the following information for each SIU. If more than one SIU discharges to the treatment works, copy questions F.3 through F.8 and provide the information requested for each SIU. F.3. Significant Industrial User Information. Provide the name and address of each SIU discharging to the treatment works. Submit additional pages as necessary. Marine Corps Base Quantico Name: Mailing Address: 3250 Catlin Ave Quantico, Virginia 22134-5001 F.4. Industrial Processes. Describe all of the industrial processes that affect or contribute to the SIU's discharge. Bluing/Parkerizing F.5. Principal Product(s) and Raw Material(s). Describe all of the principal processes and raw materials that affect or contribute to the SIU's discharge. Principal product(s): No effect No effect Raw material(s): F.6. Flow Rate. a. Process wastewater flow rate. Indicate the average daily volume of process wastewater discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent. \_continuous or \_\_\_\_\_ intermittent) 50,000 gpd b. Non-process wastewater flow rate. Indicate the average daily volume of non-process wastewater flow discharged into the collection system in gallons per day (gpd) and whether the discharge is continuous or intermittent. 125,000 (\_\_\_\_continuous or \_\_\_\_\_intermittent) F.7. Pretreatment Standards. Indicate whether the SIU is subject to the following: \_\_\_\_No a. Local limits ✓ Yes b. Categorical pretreatment standards Yes If subject to categorical pretreatment standards, which category and subcategory?

FAC	LITY NAME AND PERMIT NUMBER:	Form Approved 1/14/99 OMB Number 2040-0086					
Aquia	Wastewater Treatment Facility 606968	CIVID NUTITIES 2040-0086					
F.8.	Problems at the Treatment Works Attributed to Waste Discharged by the upsets, interference) at the treatment works in the past three years?	he SIU. Has the SIU caused or contributed to any problems (e.g.,					
	Yes ✓ No If yes, describe each episode.						
	A HAZARDOUS WASTE RECEIVED BY TRUCK, RAIL, OR DEDI						
F.9.	RCRA Waste. Does the treatment works receive or has it in the past three pipe?Yes ✓ No (go to F.12.)	years received RCRA hazardous waste by truck, rail, or dedicated					
F.10.	Waste Transport. Method by which RCRA waste is received (check all the	at apply):					
	TruckRailDedicated Pipe						
F.11.	Waste Description. Give EPA hazardous waste number and amount (volu	ume or mass, specify units).					
	EPA Hazardous Waste Number Amount	<u>Units</u>					
	<del></del>	<del></del>					
	CLA (SUPERFUND) WASTEWATER, RCRA REMEDIATION/COR ION WASTEWATER, AND OTHER REMEDIAL ACTIVITY WASTE						
F.12.	Remediation Waste. Does the treatment works currently (or has it been n	otified that it will) receive waste from remedial activities?					
	Yes (complete F.13 through F.15.)						
	Provide a list of sites and the requested information (F.13 - F.15.) for each	current and future site.					
F.13.	Waste Origin. Describe the site and type of facility at which the CERCLA/I	RCRA/or other remedial waste originates (or is expected to originate					
	in the next five years).						
F.14.	<b>Pollutants.</b> List the hazardous constituents that are received (or are expect known. (Attach additional sheets if necessary).	ted to be received). Include data on volume and concentration, if					
F.15.	Waste Treatment.						
	a. Is this waste treated (or will it be treated) prior to entering the treatment	works?					
	YesNo						
	If yes, describe the treatment (provide information about the removal ef	ficiency):					
	b. Is the discharge (or will the discharge be) continuous or intermittent?						
	ContinuousIntermittent If intermittent, c	lescribe discharge schedule.					
	END OF PART F.						
1	END OF PAR	KI E.					

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

Aquia Wastewater Treatment Facility 606968

Form Approved 1/14/99 OMB Number 2040-0086

## SUPPLEMENTAL APPLICATION INFORMATION

#### PART G. COMBINED SEWER SYSTEMS

If the treatment works has a combined sewer system, complete Part G.

- G.1. System Map. Provide a map indicating the following: (may be included with Basic Application Information)
  - a. All CSO discharge points.
  - b. Sensitive use areas potentially affected by CSOs (e.g., beaches, drinking water supplies, shellfish beds, sensitive aquatic ecosystems, and outstanding natural resource waters).
  - c. Waters that support threatened and endangered species potentially affected by CSOs.
- **G.2.** System Diagram. Provide a diagram, either in the map provided in G.1. or on a separate drawing, of the combined sewer collection system that includes the following information:
  - a. Locations of major sewer trunk lines, both combined and separate sanitary.
  - b. Locations of points where separate sanitary sewers feed into the combined sewer system.
  - c. Locations of in-line and off-line storage structures.
  - d. Locations of flow-regulating devices.
  - e. Locations of pump stations.

cso o	JTFALLS:							
Complete questions G.3 through G.6 once for each CSO discharge point.								
G.3. Description of Outfall.								
	0.17.11							
a.	Outfall number							
b.	Location							
		(City or town, if applicable)	(Z	Zip Code)				
		(County)		State)				
		(County)	(5	Clate)				
		(Latitude)	(L	Longitude)				
C.	Distance from shore (if applicable)		ft.					
d.	Depth below surface (if applicable)		ft.					
e.	e. Which of the following were monitored during the last year for this CSO?							
	Rainfall							
	CSO flow volume	CSO pollutant concentrationsReceiving water quality	CSO frequency					
	CSO flow volumeReceiving water quality							
f.	How many storm events were monitored during the last year?							
G.4. CSO Events.								
0.4. 00	o Events.							
a.	Give the number of CS	O events in the last year.						
	events (	_ actual or approx.)						
b.	Give the average durati	on per CSO event.						
	hours (	_ actual or approx.)						

**FACILITY NAME AND PERMIT NUMBER:** Form Approved 1/14/99 OMB Number 2040-0086 Aguia Wastewater Treatment Facility 606968 c. Give the average volume per CSO event. \_ million gallons (\_\_\_\_\_ actual or \_\_\_\_ approx.) d. Give the minimum rainfall that caused a CSO event in the last year. \_ inches of rainfall G.5. Description of Receiving Waters. a. Name of receiving water: b. Name of watershed/river/stream system: United States Soil Conservation Service 14-digit watershed code (if known): \_\_\_\_ c. Name of State Management/River Basin: United States Geological Survey 8-digit hydrologic cataloging unit code (if known): G.6. CSO Operations. Describe any known water quality impacts on the receiving water caused by this CSO (e.g., permanent or intermittent beach closings, permanent or intermittent shell fish bed closings, fish kills, fish advisories, other recreational loss, or violation of any applicable State water quality standard). END OF PART G. REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM

2A YOU MUST COMPLETE.

Additional information, if provided, will appear on the following pages.





